

## CLAIMS:

1. A monitoring device for a rechargeable personal portable device of the type having a main body to which is attached a display, said monitoring device being  
5 coupled to a portion of said main body at least temporarily and including a light sensor that is spaced away from said display during monitoring of the display by the monitoring device.
2. A monitoring device according to claim 1 wherein said sensor is part of a  
10 cradle used for charging batteries of the portable device.
3. A monitoring device according to claim 1 or claim 2 wherein a pixel of said display is driven so that its emitted light is modulated and wherein the modulated light is detected with the aid a circuit selective to the modulation.
- 15 4. A monitoring device according to claim 1 or claim 2 wherein said sensor is a camera.
5. A monitoring device according to claim 1 comprising a connector and an arm /  
20 joining said connector with said sensor
6. A monitoring device according to claim 1 wherein said monitoring device can be rotated relative to said main body.
- 25 7. A monitoring device according to claim 5 or claim 6 wherein said monitoring device includes means for charging batteries of said portable device.

8. A monitoring device according to claim 5 or claim 6 wherein said sensor is a camera.
9. A monitoring device according to claim 1 wherein said portable device is a  
5 laptop computer and said sensor is a camera.
10. A monitoring device according to claim 9 wherein said camera is of lower resolution than said display.
- 10 11. A monitoring device according to claim 1 wherein said sensor is a camera having a lens with an optical axis and having a sensor array the plane of which is oblique to the optical axis.
12. A monitoring device according to claim 1 wherein said portable device has a  
15 main body with a hinge for a display at one end of the main body and wherein said sensor is a camera placed near an opposite end of the main body.
13. A monitoring device for a rechargeable personal portable device of the type having a main body to which is attached a display, said monitoring device being  
20 coupled to a portion of said main body at least temporarily and including a light reflector that is spaced away from said display during monitoring of the display by the monitoring device, the reflector directing light from said display towards a sensor.
14. A monitoring device for a rechargeable personal portable device of the type  
25 having a main body to which is attached a display, said monitoring device being coupled to a portion of said main body at least temporarily and including a light-guide arrangement having a first end thereof that is of about the same area as said display and having a second end thereof that is smaller than said display and next to a sensor.